

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

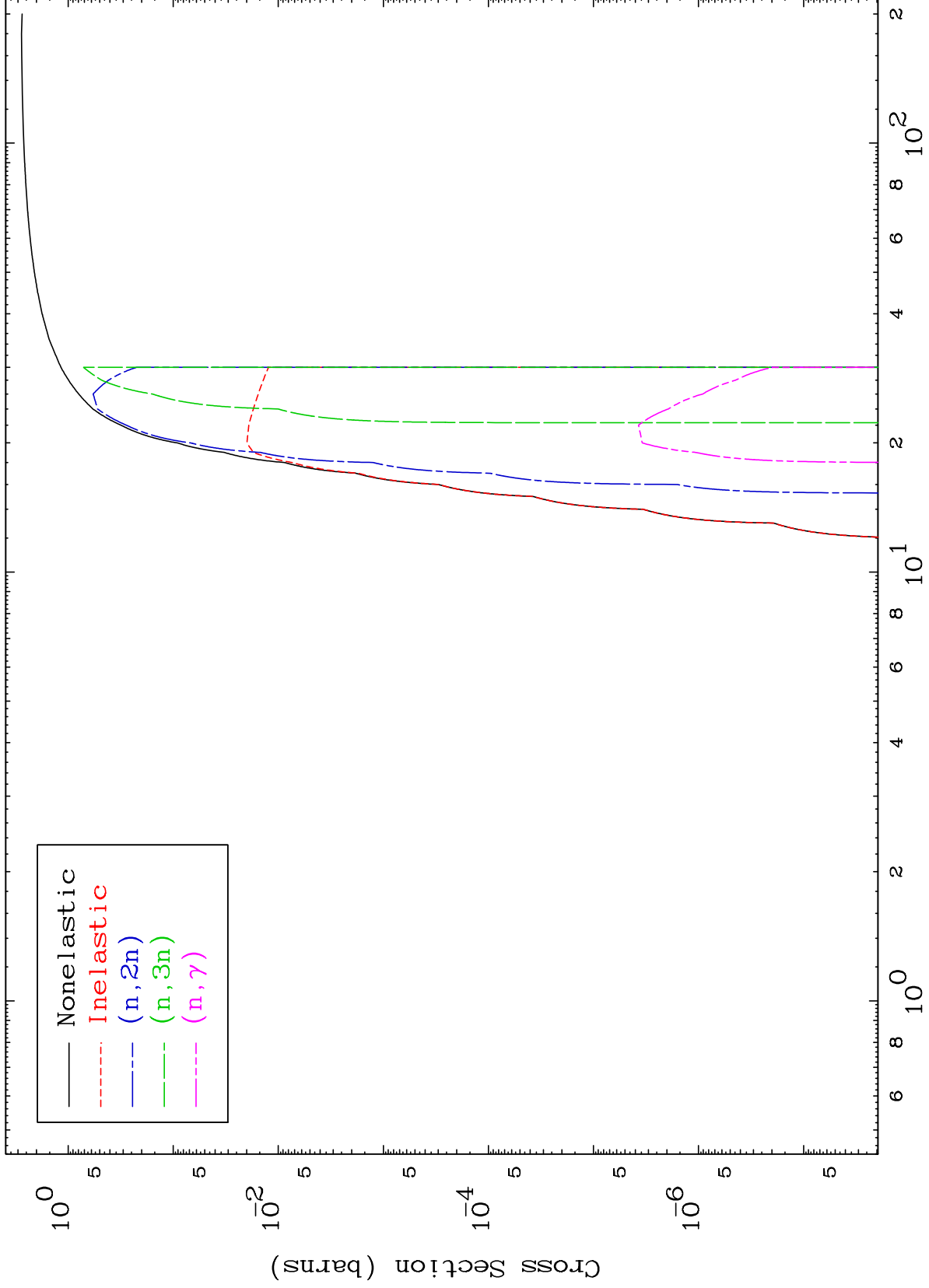
Press Mouse Button to Start

MAT 7934

α Major

79-Au-200

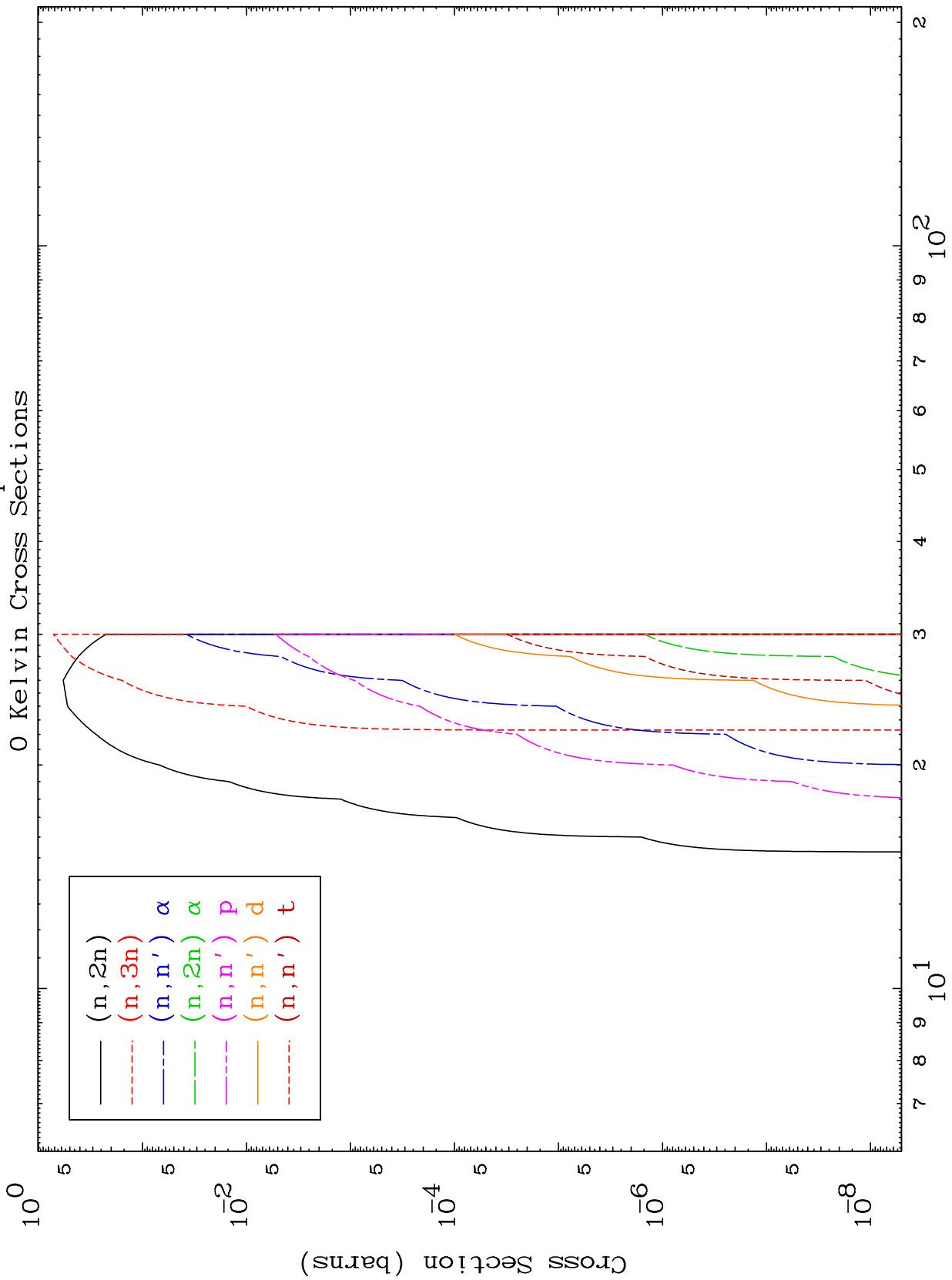
0 Kelvin Cross Sections



MAT 7934

79-Au-200

α Neutron Absorption
0 Kelvin Cross Sections



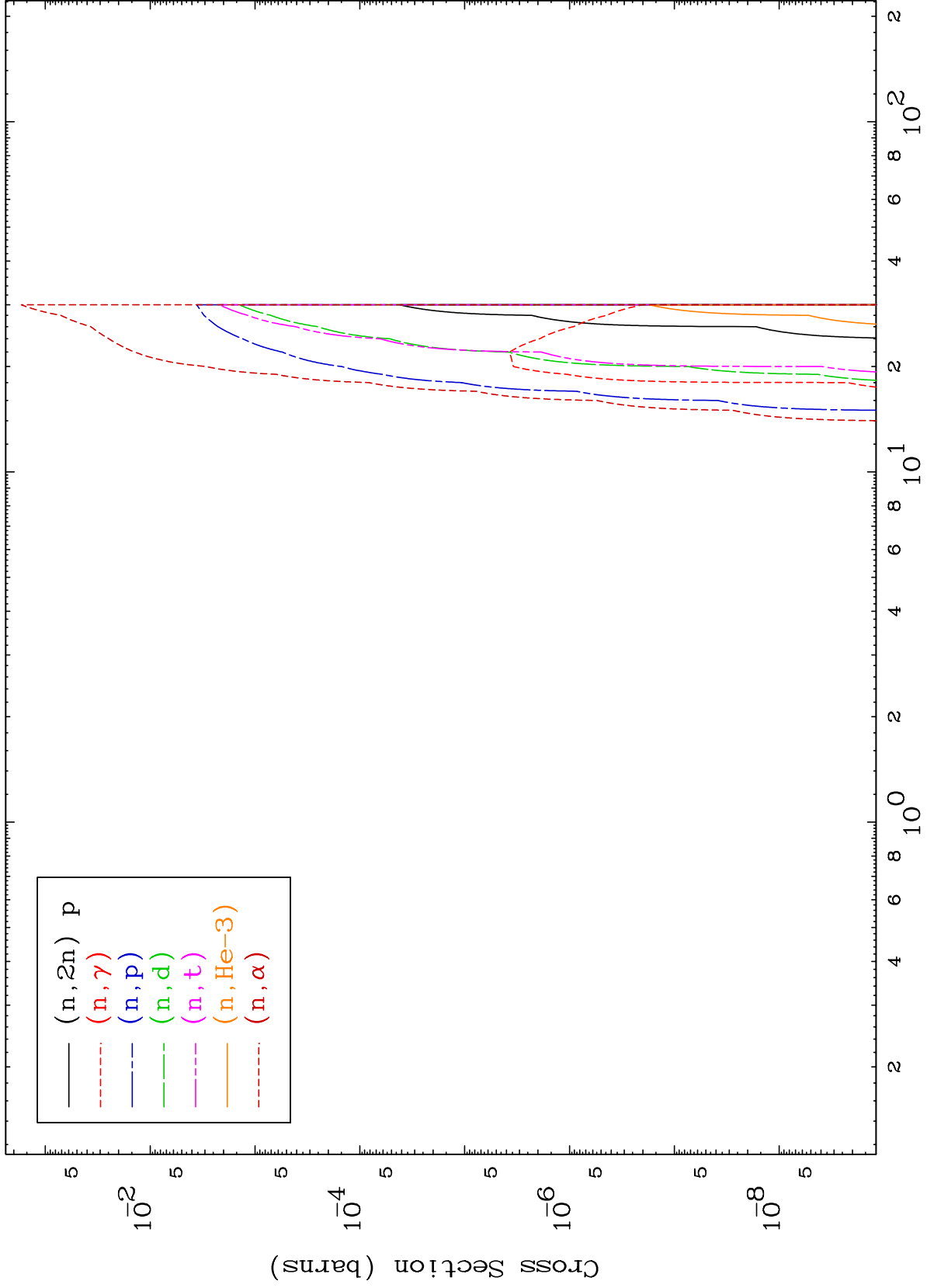
79-Au-200

Incident Energy (MeV)

MAT 7934

α Neutron Absorption
0 Kelvin Cross Sections

79-Au-200

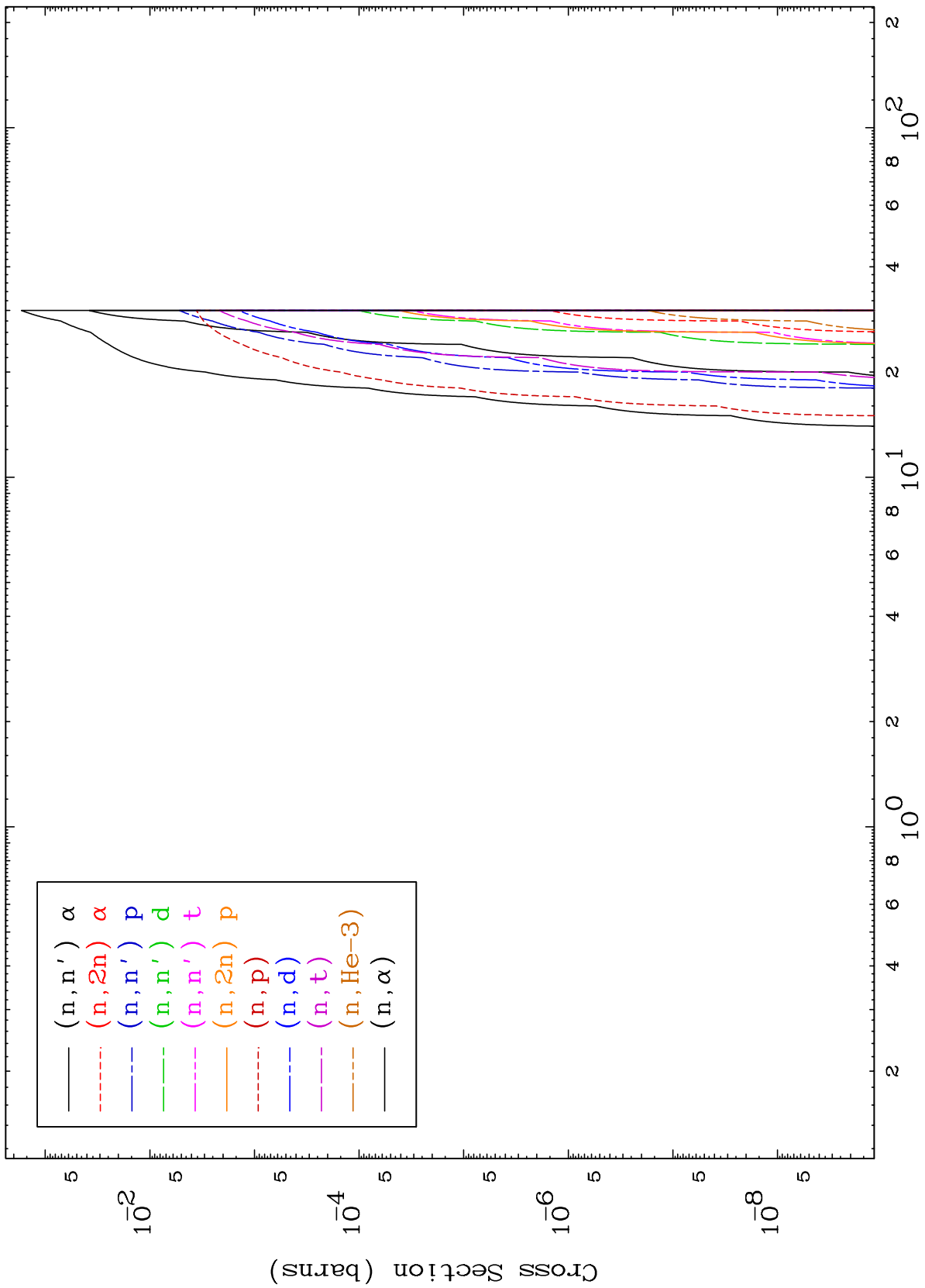


MAT 7934

α Charged Particle

79-Au-200

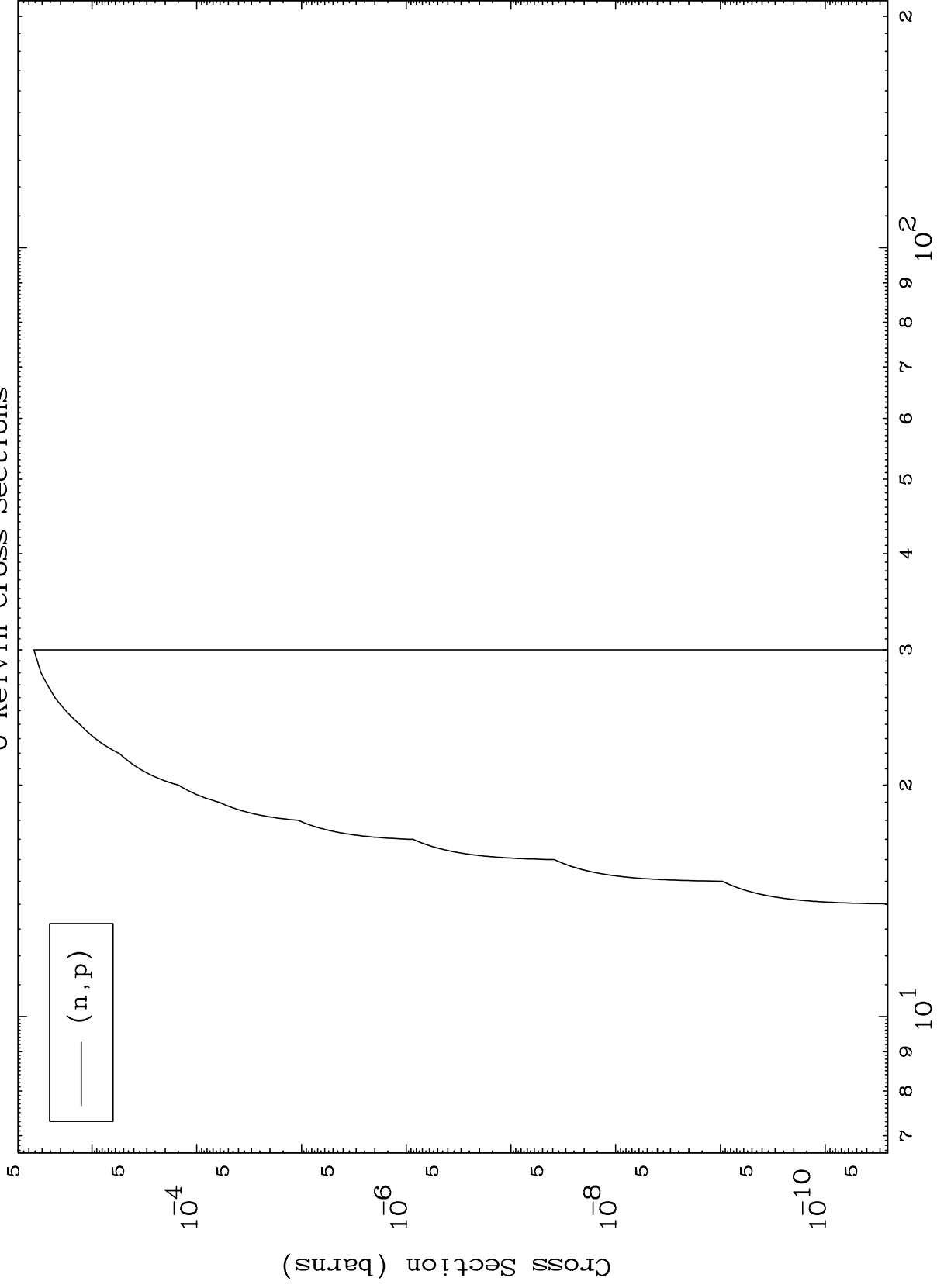
0 Kelvin Cross Sections



MAT 7934

(α, p) Levels
0 Kelvin Cross Sections

79-Au-200



5

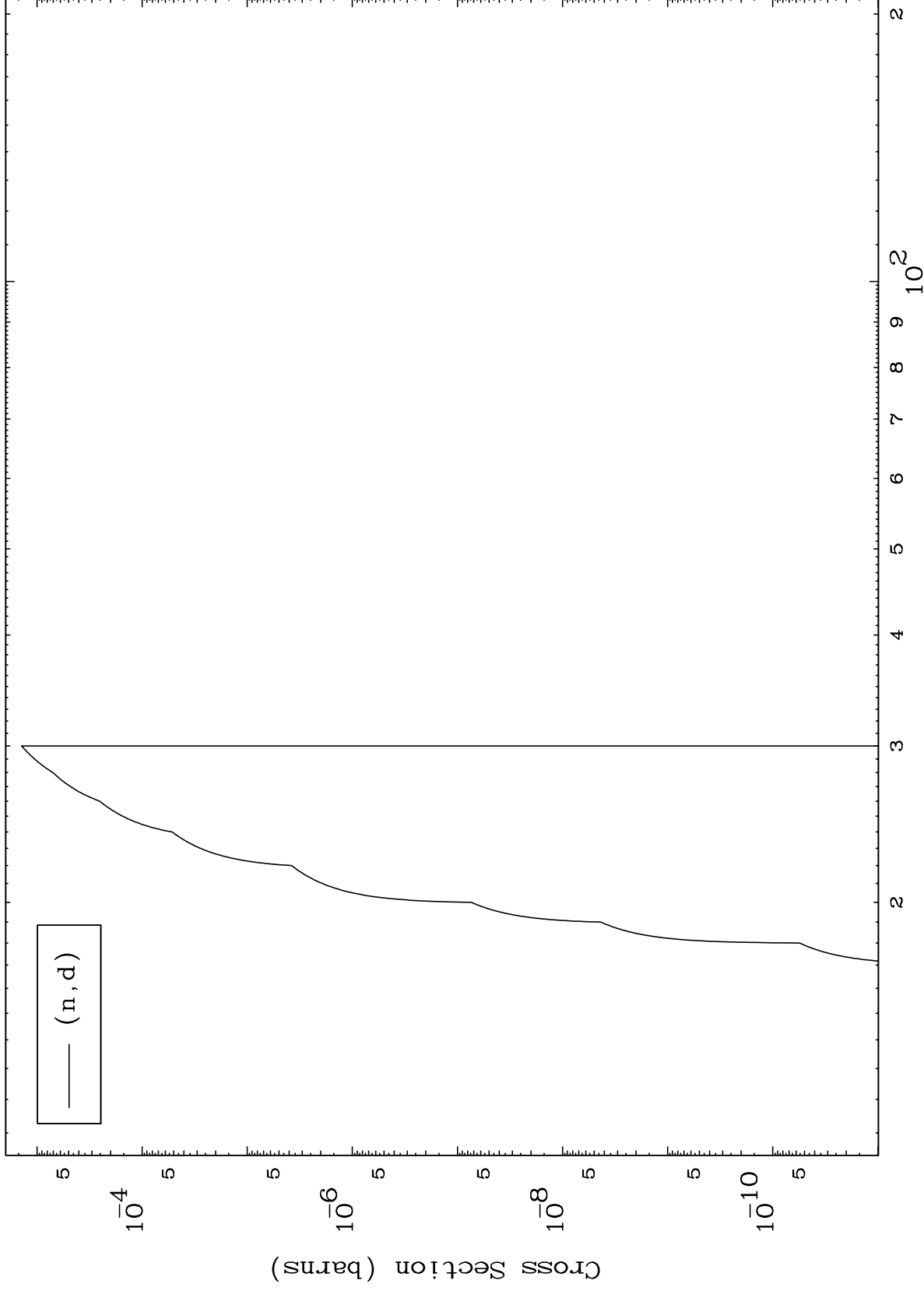
Incident Energy (MeV)

79-Au-200

MAT 7934

(α, d) Levels
0 Kelvin Cross Sections

79-Au-200



6

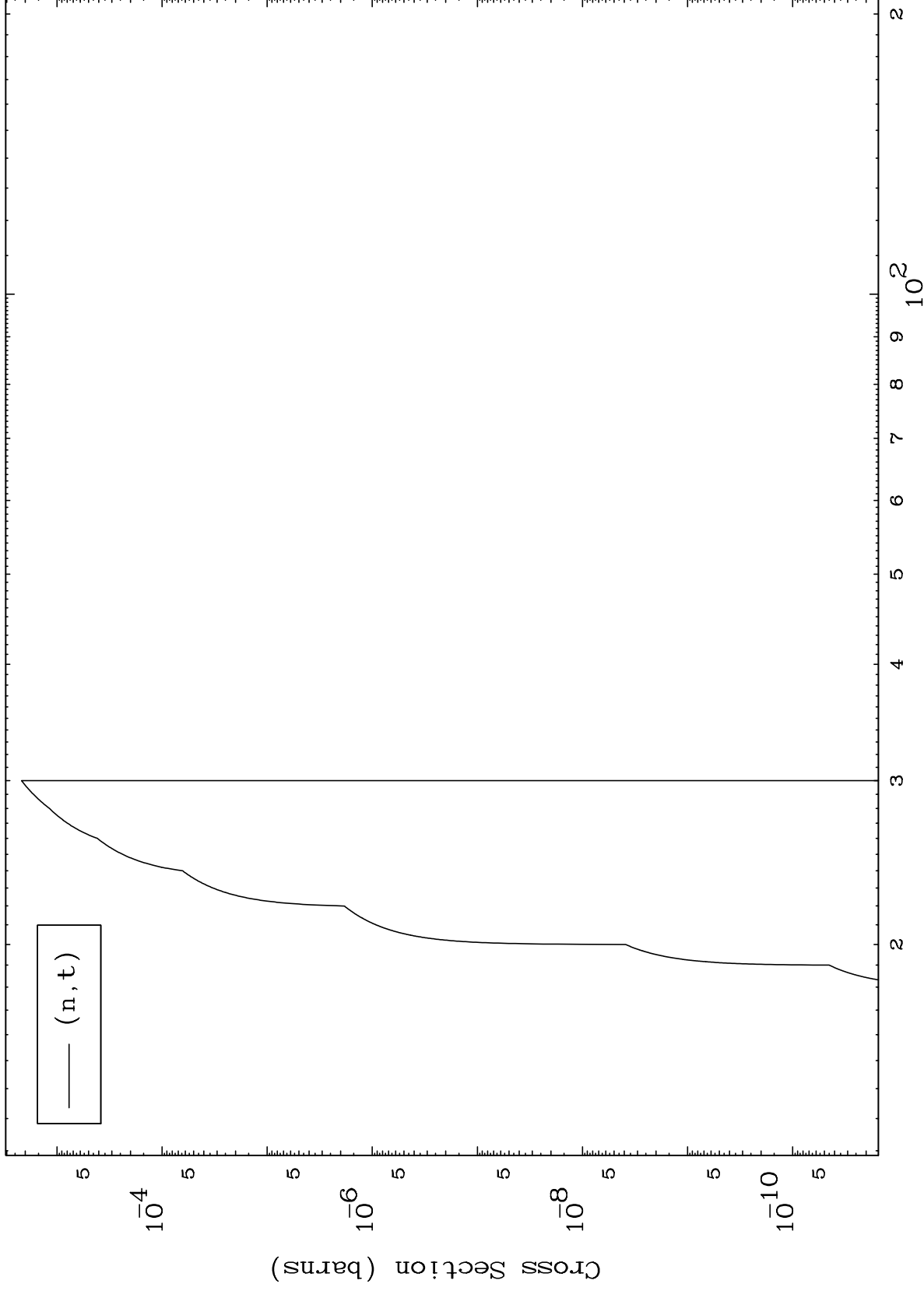
Incident Energy (MeV)

79-Au-200

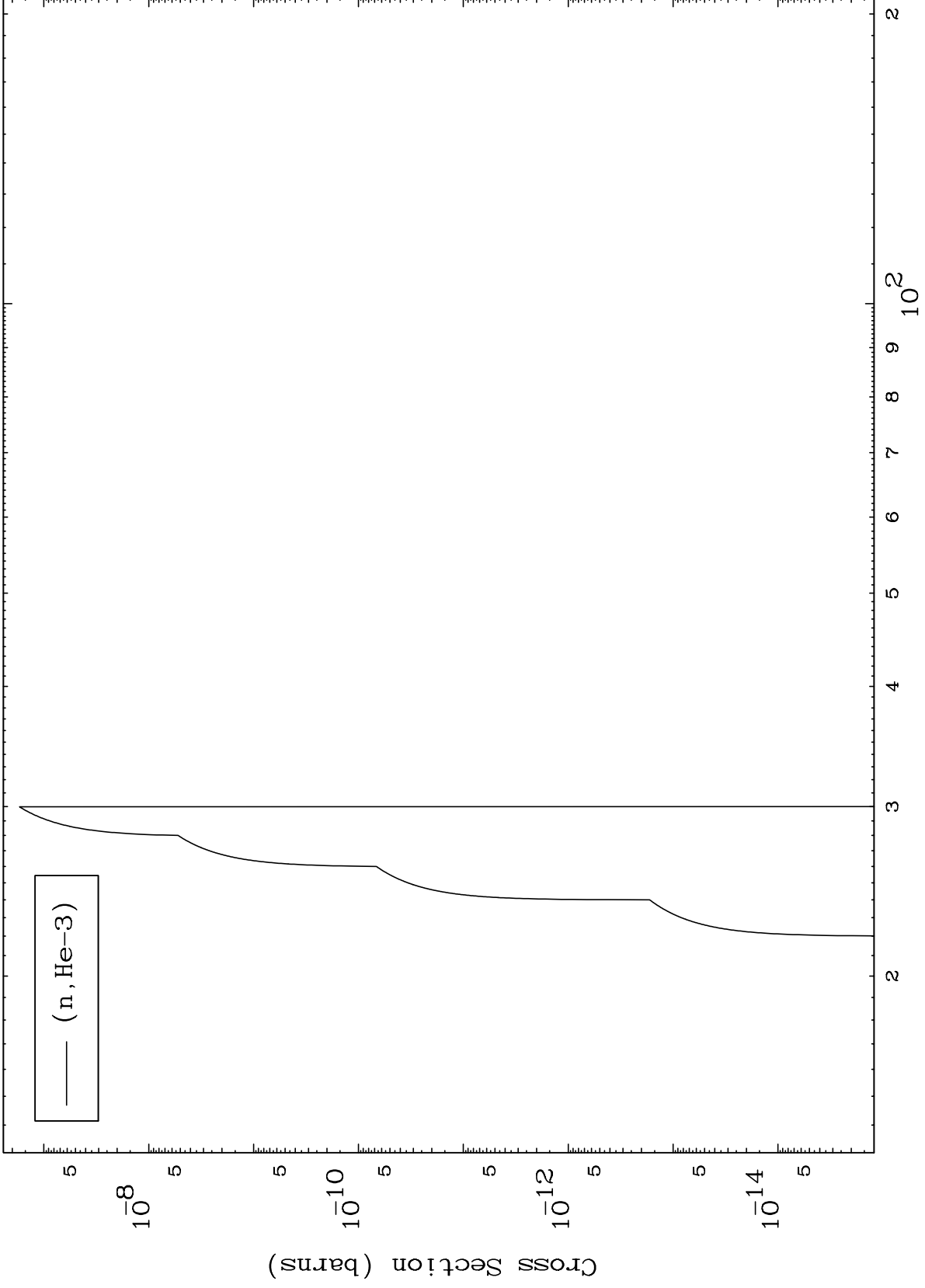
MAT 7934

(α, t) Levels
0 Kelvin Cross Sections

79-Au-200



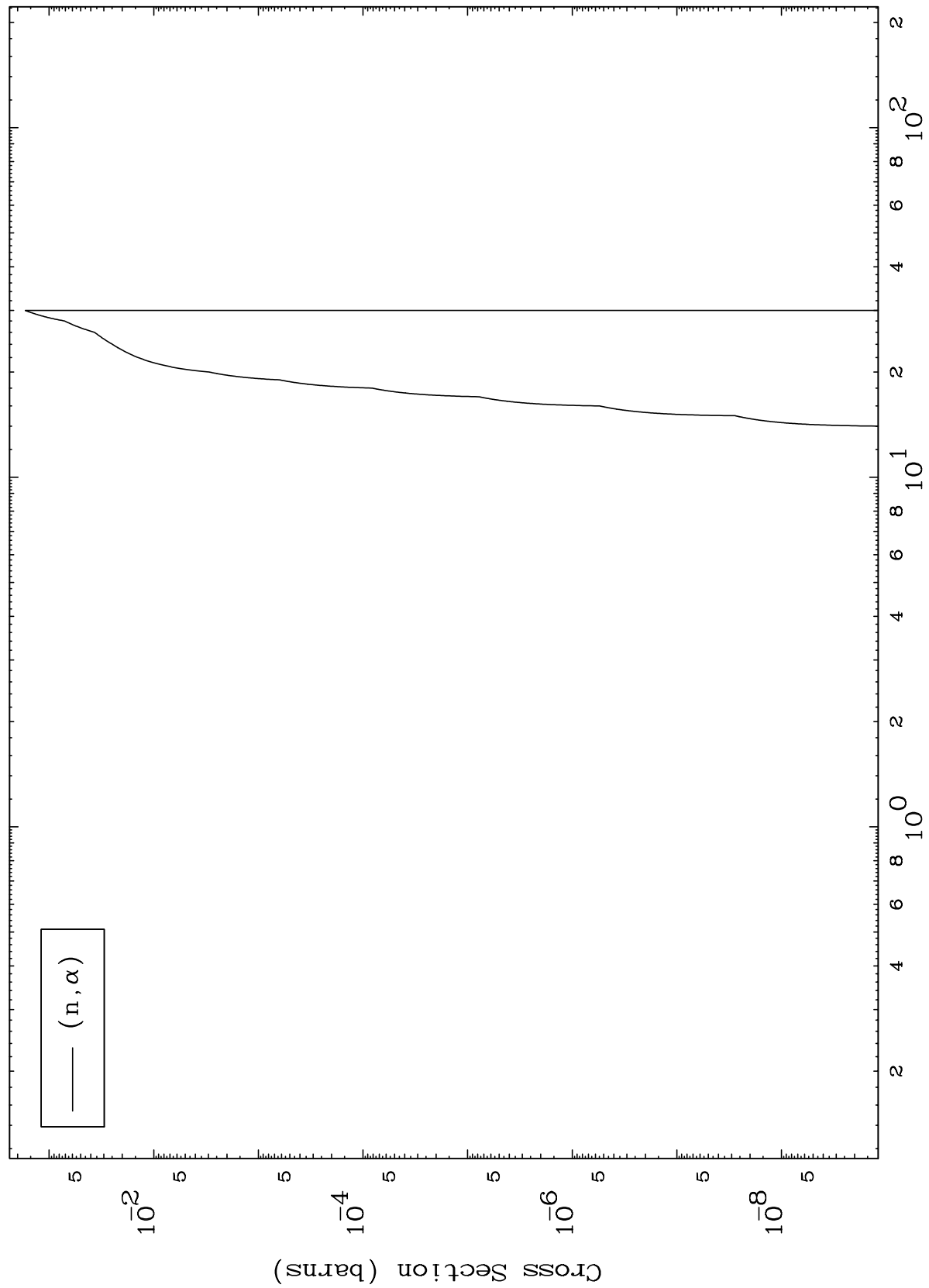
($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



MAT 7934

79-Au-200

(α, α) Levels
0 Kelvin Cross Sections

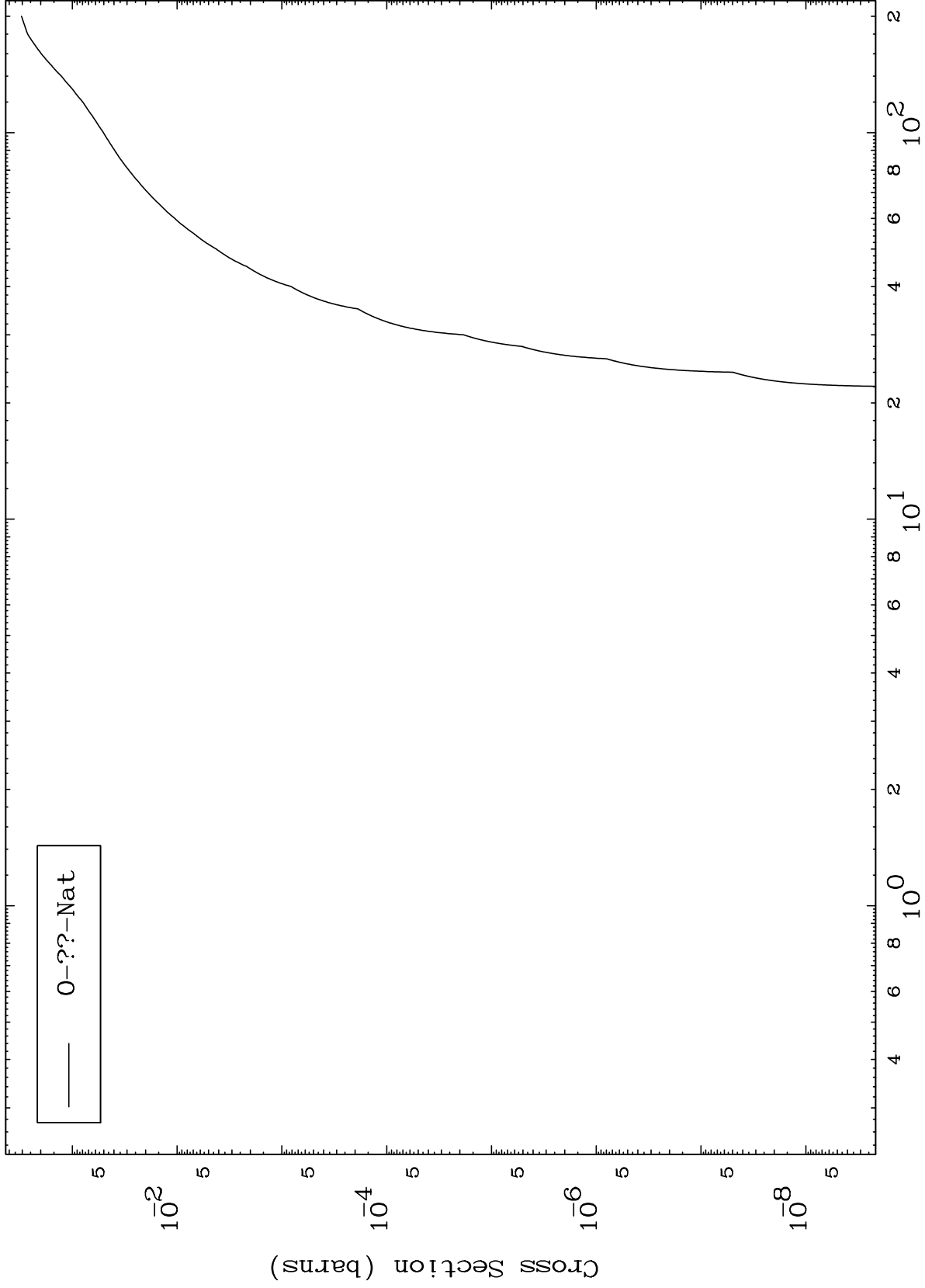


MAT 7934

Fission

⁷⁹Au-200

Radionuclide Production Cross Section



10

Incident Energy (MeV)

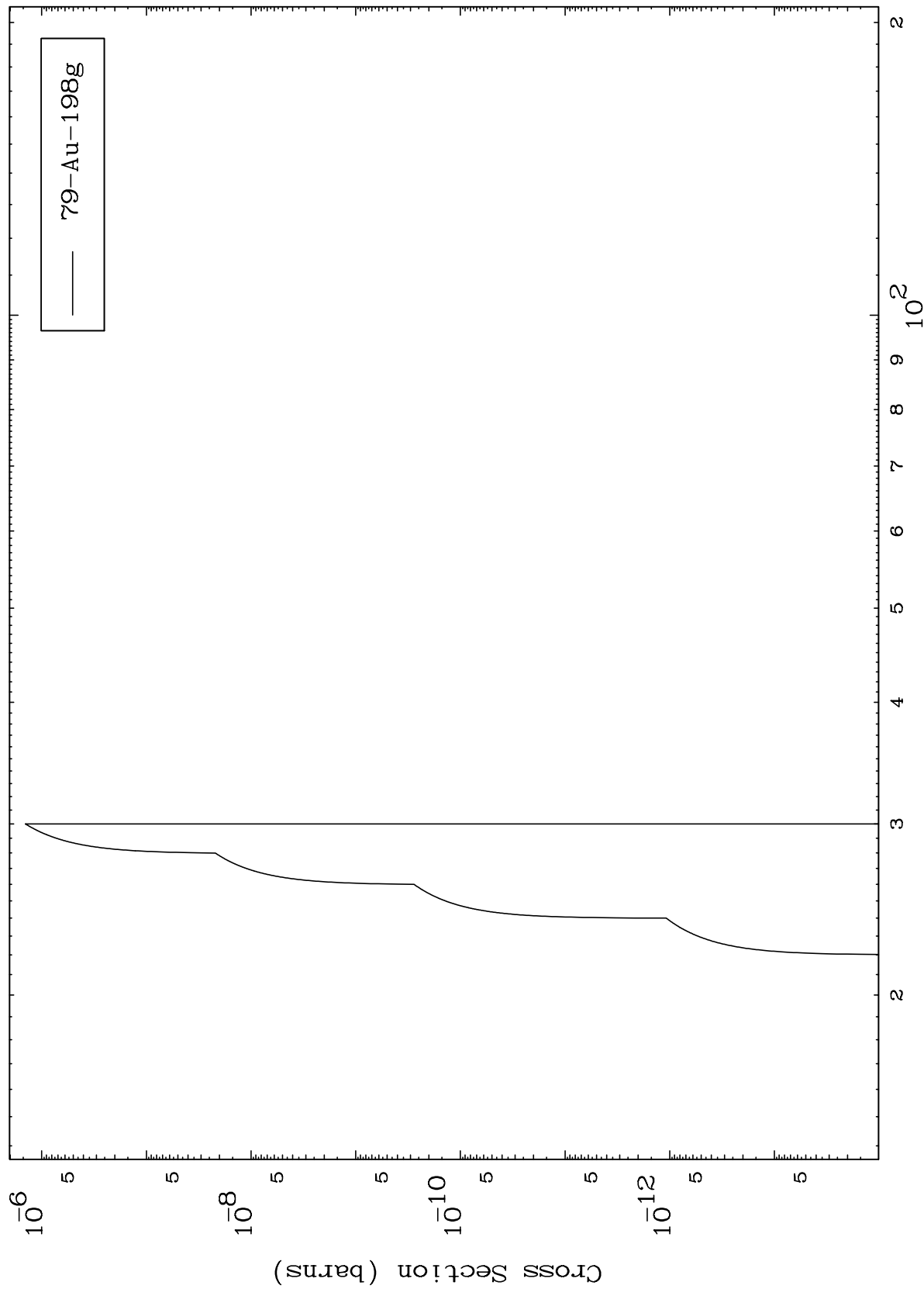
⁷⁹Au-200

MAT 7934

(n,2n) α

79-Au-200

Radionuclide Production Cross Section



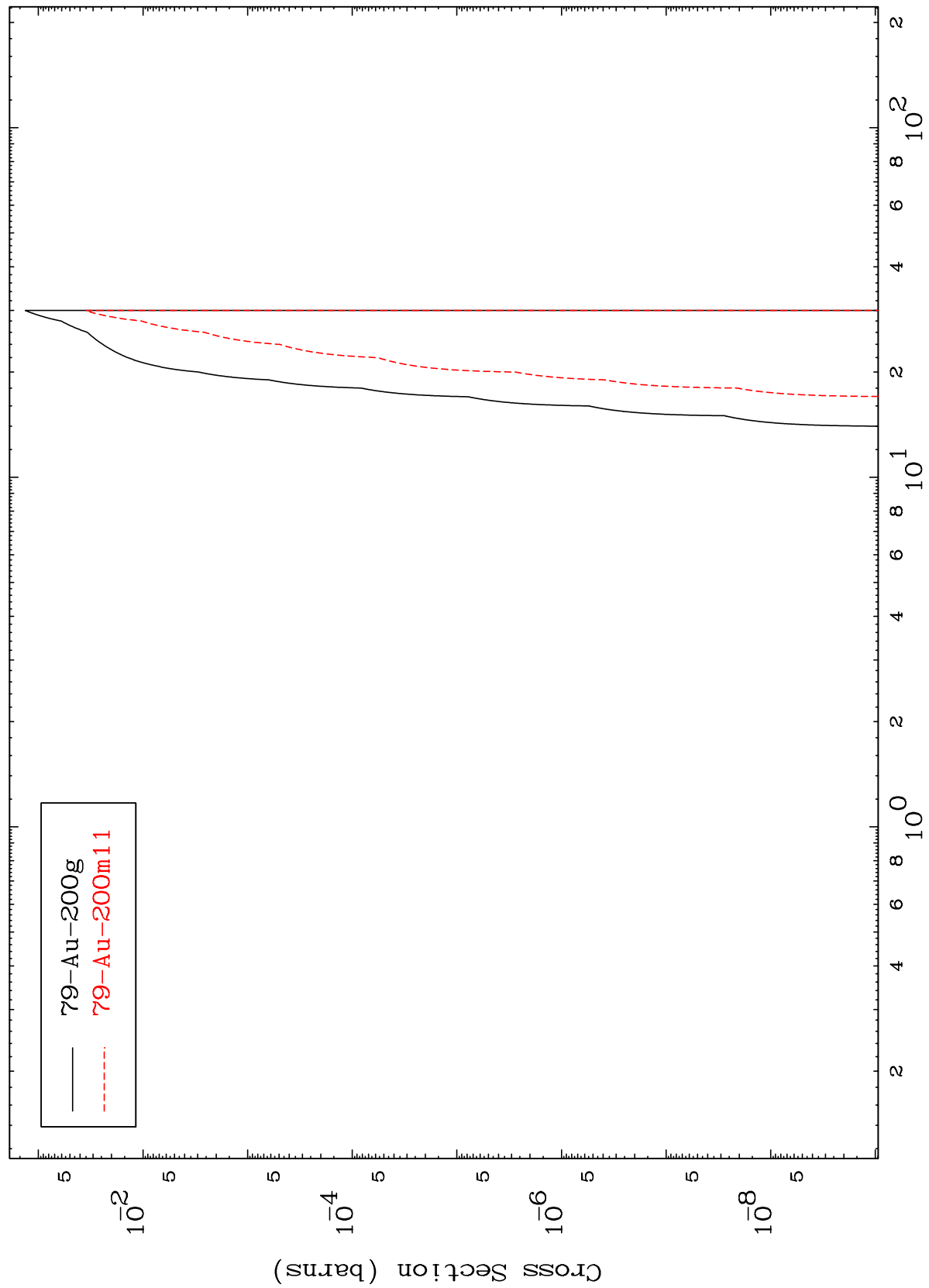
79-Au-198g

MAT 7934

(n, α)

⁷⁹Au-200

Radionuclide Production Cross Section



12

Incident Energy (MeV)

⁷⁹Au-200